

## MULTI-STOREY BUILDINGS AND THE IMPLEMENTATION OF GREEN PATTERNS IN THE SMALLEST URBAN UNITS IN TIRANA-CAPITAL CITY OF ALBANIA

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### Abstract

Recently we witnessed the great efforts that are being carried out for the application of "green" and "sustainable" methods and technologies all over the world. Terms that of course have their origins on the necessity of a higher quality of life and sustainable cities for the future. Actually, the population is constantly growing and dense residential environments are projected as a solution to this problem and maybe this is justified by demographic growth and sociological factors as part of the capital spaces. At the same time this has caused a reduction of free urban spaces, especially greenery in urban units. If a few years ago in Tirana was discussed the problem and the phenomenon of the cemented areas, is clearly evident that the application of this material still continues for buildings and smallest units of urban spaces. Analyzes that were carried for the purpose of this paper also consider the time that residents spends near this smaller units, and the environmental quality they should have. Based on this, the paper introduces models and green patterns that have a multi-dimensional impact, starting with public health to aesthetic values. These models and green patterns have been selected taking into consideration groups of different ages as the main actors in urban planning. Also these patterns are created based on diversity of greenery and the combinations between them, the second combination consists in the interaction of "silhouette-greenery-building", and the last analysis presents the implementation of greenery as part of construction walls. According to the request for sustainable areas wood is seen as a material of choice, not only for multi-storey buildings but also for sidewalks and recreational spaces. The aim of this paper is to encourage even more young architects, young urban planners, and young designers to consider greenery as an important part of the building or urban units.

**Keywords:** *green patterns, urban units, sustainable, models.*